OCT 1 9 1962

Mr. H. P. Dugan, Director U. S. Bureau of Reclamation P. O. Box 2511 Sacramento, California

Subject: Application 18115

Deer Mr. Dugan:

Endorsed on the reverse side of the above-numbered application you will find the permit which has been issued in approval thereof. As indicated in the findings of Decision 1100 relative to Watershed Protection, Application 18115, as advertised and on which hearings were held, includes no points of rediversion at which stored water will be taken from the Sacramento River for distribution to other areas. On Drawing No. 214-208-3355, revised June 7, 1961, which was submitted after notice of the application was released, references to points of diversion or features not included in the application as advertised have been deleted. As prescribed by law the permit fixes a definite time schedule within which to begin construction, complete construction and make full beneficial use of the water. Unless development proceeds promptly and is prosecuted diligently to completion the permit may be revoked. Extensions of time can be allowed only upon a showing of good cause.

Annual reports of progress are required. Forms for the first report will be mailed to you on or about October 1, 1963. You should also keep a complete record of your use of water in your own files. At an appropriate time near the expiration date allowed by the permit for completion of use of water, an engineer of this office will inspect the project. If use of water is found to have been completed, this Board will subsequently issue a license confirming a right to the amount of water found at the time of inspection to have been beneficially used in accordance with the terms and conditions of the permit. After issuance of a license there can be no increase in use under this right.

Very truly yours,

ORIGINAL SIGNED BY L. K. HILL

L. K. Hill Executive Officer

Enc. Cert.

10

### PERMIT TERMS

Application No. 1845 Filled out by

001-2 '821 H

This is to certify that the application of which the foregoing, is a true and correct copy has been considered and is hereby approved SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

- 1. The quantity of water to be appropriated shall be limited to the amount which can be beneficially used and shall not exceed 160,000 acre-feet per annum by storage to be collected from about November 1 of each year to about April 30 of the following year.
- 2. The maximum amount herein stated may be reduced in the license if investigation warrants.
- 3. Construction work shall be completed on or before December 1, 1965.
- 4. Complete application of the water to the proposed uses shall be made on or before December 1, 1990.
- 5. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Water Rights Board until license is issued.
- 6. Upon the request of the Board, permittee shall make such measurements and maintain and furnish to the Board such records and information as may be necessary to determine compliance with the terms and conditions of this permit, including the recognition of vested rights, and for the further purposes of determining the quantities of water placed to beneficial use under the permit.

- 7. In conformity with Water Code Section 10505, this permit shall be subject to any and all rights of any county in which the water sought to be appropriated originates to the extent any such water may be necessary for the development of the county.
- 8. In accordance with Water Code Section 1393, the permittee shall clear the site of the proposed reservoir of all structures, trees, and other vegetation which would interfere with the use of the reservoir for water storage and recreation purposes.
- 9. This permit is subject to compliance with Water Code Section 10504.5(a).
- 10. All rights and privileges under this permit, including method of diversion, method of use, and quantity of water diverted are subject to the continuing authority of the State Water Rights Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water.
- 11. Permittee shall allow representatives of the State Water Rights Board, and other parties as may be authorized from time to time by said Board, reasonable access to the project works to determine compliance with the terms of this permit.
- 12. This permit does not authorize collection of water to storage during the period from about May 1 to about October 31 of each season to offset evaporation and seepage losses or for any other purpose.

The equivalent of such continuous flow allowance for any thirty day period may be diverted in a shorter time if there be no interference with vested rights.

2. The maximum amount herein stated may be reduced in the license if investigation so warrants.

3. Actual construction work shall begin on or before
and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted, this permit may be revoked.

4. Said construction work shall be completed on or before

5. Complete application of the water to the proposed use shall be made on or before\_

6. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Water Rights Board until license is issued.

7. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the State Water Rights Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water.

#### MINIMUM FEE \$5.00 FOR ALL PERMITS

IRRIGATION			POWER		
SCHEDULE	Acres	Charge	SCHEDULE	THEO. Horse Power	Charge
0 to 50 COVERED BY		\$5.00	0 to 50 COVERED BY		\$5.00
Over 50 to 100 @ 10¢			Over 50 to 100 @ 10¢		
Over 100 to 1000 @ 5¢	To the second of		Over 100 to 1000 @ 5¢		
Over 1000 @ 3¢			Over 1000 @ 1¢		
Totals					

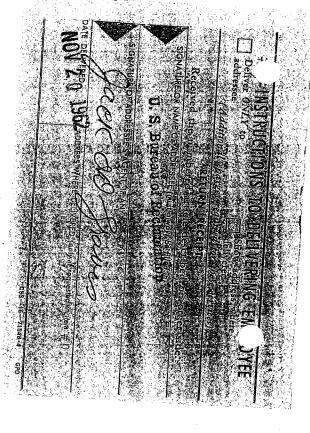
Terms	OK.	10-	10-6	2	204	P
					1	

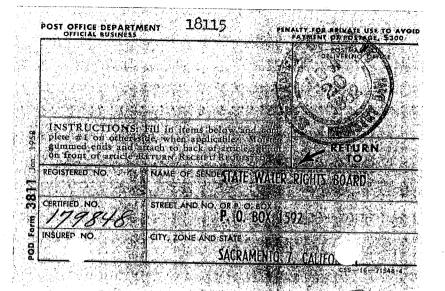
Permit No. 13771

Date approved

71-19-62

FORM 0-13 (REV.)





# STATE OF CALIFORNIA STATE WATER RIGHTS BOARD SACRAMENTO

## CHECK FOR PERMIT

Application No. 18115 Filled out by OCT 2 1801. H	• Date	
Applicant US Bureau of Reclamatio	Date of Filing	4-30-58
	Tributary to S Cloudest	
County of Tehrenca	Clourest Use Mussics	pal Quolutte
Amount originally applied for 160 000 af	a Present amount	11000
Capacity of conduit - 530 efs		<i>O</i>
Acreage of horsepower not given	Irrigation duty	
Application in form 3-20-61	Notices sent 5	-11-61
Proof of publication filed 7-10-61	Protest period up	7-10-61
Right of access 465		**************************************
Right of way		
Ownership of land 120		
Protestants Nept of Fish and Gar Stony Creek Water L Saclo River and Kal		r Ossu
Letters of importance		
Reports		
Status protests <u>Alsminel</u> (	ry D 1100	2
Hearing held	/	****
Cooperation of United States Government in 7701		National Forest
Federal forms sent	Answers	
Adjudicated area 7/10 State applications affected Co	4 Area now under	permit partly
Prior pending applications affected Nove Maps	Advertising Advertising	ng OK
Remarks Maps filed 621-61 were but for Commission and approved by that a going. In	ist submitted to C	adeforma Mal
Commission and approved by that a george de	of Change Shoren	con not le
Considered by SWRB	·	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Forms to be sent: 7a; 10-10c; 61; 61a; 82		
Clauses to be used		
OK for permit 10-10-62 ADJ		- A Charles
FORM 0-6		94516 3-59 5M SPO

#### APPROVAL FOR SIGNATURE WATER RIGHT PERMIT

18115 Permit Application

Applicant:

U. S. Bureau of Reclamation

Stony Creek in Tehama County

Date application filed:

April 30, 1958

Amount:

160,000 acre-feet per annum

Season of diversion:

November 1 to April 30

Purpose of use:

Irrigation, domestic, municipal and industrial

Protested by:

Glenn Colusa Irrigation District

7-12-61

Department of Fish and Game

7-25-61 8-7-61

Stony Creek Water Users Association

Sacramento River and Delta Water Association 8-4-61

Disposition of protests:

Dismissed by D-1100

Remarks:

No prior pending protested applications affected.

Approved for signature:

Date: Octobrev 36, 1962

For full information concerning the filling out of this form refer to Article 4 of Rules and Regulations Pertaining to Appropriation of Water

# STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

"	APPLICATION TO APPROPRIATE UNAPPROPRIATED WAT
-	APPLICATION RECRIVED 3/14/6/-
	The United States of America, assignee of the above-numbered application
	Name of applicant or applicants  (SEE SUPPLEMENT)  County of
	Address County of
-	State of, X hereby make application for a permit to appropriat does
	following described unappropriated waters of the State of California, SUBJECT TO VESTED RIGHTS:
	Source, Amount, Use and Location of Diversion Works
	1. The source of the proposed appropriation is Stony Creek
	Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is un
	located in Tehama County, tributary to Sacramento River
	2. The amount of water which applicant desires to appropriate under this application is as follows:
	See Supplement  (4) For diversion to be directly applied to beneficial way
	(a) For diversion to be directly applied to beneficial usecubic feetcubic feet
	second, to be diverted from
	(b) For diversion to be stored and later applied to beneficial use 160,000 acre-
	1 acre-foot equals 325,851 gallons
	per annum, to be collected between January 1 and December 31 of each sea
	Note.—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in gallor day. Neither the amount not the season may be increased after application is filed. If underground storage is proposed a special supplemental form w supplied by the State Water Rights Board upon request.
	3. The use to which the water is to be applied is domestic, irrigation, municipal, industrial for
	Domestic, irrigation, power, municipal, mining, industrial, recreational
	filed control and recreational (See Supplement) purp
	4. The point of diversion is to be located at Black Butte Dam, N.66° 16'W., 2174 feet from
	State bearing and distance or coordinate distances from section or quarter section corner
	SE Cor. Sec. 29, T. 23 N., R. 4 W., M.D.B.&M. (See Supplement)
1	being within the SWI of SWI
	State 40-acre subdivision of public land survey or projection thereof
•	of Section 29, T. 23 N, R. 4 W., M.D. B. & M., in the County of Tehama
	5. The main conduit terminates in NE of NW of Sec. 14, T. 17 N. R. 4 W., M.D. B. &  State 40-acre subdivision of U. S. Government survey or projection thereof
	Description of Diversion Works
	NOTE.—An application cannot be approved for an amount grossly in excess of the estimated capacity of the diversion works.
	6. Intake or Headworks (fill only those blanks which apply)
	(a) Diversion will be made by pumping from  Sump, offset well, unobstructed channel, etc.
	(b). Diversion will be by gravity, the diverting dam being See supplement feet in height (stream because)
1	level of overflow); feet long on top; and constructed of Concrete, earth, brush, etc.
,	Concrete, earth, brush, etc.
	(c) The storage dam will be 140 feet in height (stream bed to overflow level); 2970
	long on top; have a freeboard of 5.2 feet, and be constructed of earth
1	
1	7. Storage Reservoir Black Butte Sec. 25,26,33,34,35 & 36 in T.23N., R.5W.,; Sec.29,30

8. Conduit System (describe mai	in conduits only) (	See Supplement)		
(a) Canal, ditch, flume: Width	on top (at water lir	ne)fee	t; width at bot	tom
feet; depth of water	feet; length	feet; grade	feet	per 1,000 feet; materials
of construction				
Earth, rock, timber, etc.  (b) Pipe line: Diameter	inches:	length	_feet: grade	feet per
1,000 feet; total fall from intake to o		_		
Note.—If a combination of different sizes clearly on map.				
9. The estimated capacity of the	the second second		State cubic	feet per second or gallons per minute
The estimated cost of the dive	rsion works proposed	Give only cost of in conduits described her	rage, or mean acrest b	pumps, storage reservoirs and main
	Complet	ion Schedule		
10. Construction work with heri	-	began on June 4,	1960	
Construction work will be completed		Sentember 1963		6 H
The water will be completely applied				
I	escription	of Proposed U	se	
11. Place of Use.	See Supplement	t public land survey. If area is unsurv	eved indicate the loca	stion as if lines of the public land
	50			
survey were projected. In the case of irrigation use st	ate the number of acres to b	e irrigated in each 40-acre tract, if	space permits. If spa	ace does not permit listing of all
40-acre tracts, describe area in a general way and sho		No.		
Do(es) applicant(s) own the land v		Yes or No	) ,	Atly?Yes or No
Contracts will be negotiat If applicant does not own land whereon use of water w	ed with repres	Sentatives of owner address of owner arrange	ments have been made	e with him.
12. Other Rights. Describe all right to the above named lands.	nts except those on fi	ile with the State Water Ri	ghts Board und	er which water is served
Nature of Right (riparian, appropriative, purchased water, etc.)	Year of First Use	Use made in recent years including amount if known	Season of Use	Source of Other Supply
1.				
2.				
3.				
4				
				,
Attach supplement at top of page 3  13. Irrigation Use. The area to be	· ·	See supplement	,	acres.
		State net acreage	to be irrigated	
The segregation of acreage as to crops	is as follows: Kice	acr	es; alfalfa	acres;
orchard acres;  Note.—Care should be taken that the variethe map.				
The irrigation season will begin about	March 15 Beginning date	and end ab	out Octo	ber 15
14. Power Use. The total fall to b	e utilized is	ce between nozzle or draft tube water le	vel and first free water	surface above
The maximum amount of water to be	used through the per	nstock is		cubic feet per second.
The maximum theoretical horsepower	capable of being gene		feet × fall ÷ 8.8	
The use to which the power is to be app	olied is	sale or private use, etc.	~	
The nature of the works by means of w	hich power is to be d	leveloped is	, etc.	
The size of the nozzle to be used is	inches.			
The water will will not be returned to	ame stream	in State	40-acre subdivision	of
Sec, T, 1			-A-serg smbdi 41210B	

#### SUPPLEMENT TO APPLICATION NO. 18115

#### PARAGRAPH 2: AMOUNT OF WATER

No direct diversion of water is applied for in this application. For diversion to be stored and later put to beneficial use, 160,000 acre-feet are applied for irrigation, municipal and industrial, incidental domestic, and recreational purposes.

This quantity of water is intended to be used in conjunction with the direct diversion quantity of 225 c.f.s. applied for in Application 19451.

The 160,000 acre-feet of storage specified in this application does not include water temporarily stored and later released to provide flood control space in the reservoir. Storage space may at some time in the future be used for temporary storage of imported waters.

#### PARAGRAPH 3: USE

This water is for the use of the United States of America through existing and future facilities. This water may also be used by State or Federal agencies, authorities, associations, public or private corporations, political subdivisions and other agencies as authorized either as a supplemental or primary supply. Return flows resulting from water diverted under this application and remaining within the place of use presently depicted, or as ultimately amended, are intended for reuse to serve the project requirements and are not intended for appropriation by others.

#### PARAGRAPH 4: POINT OF DIVERSION

The point of diversion for the quantity of storage applied for in this application is <u>Black Butte Dam</u>. The outlet works will serve the existing Orland South Main Canal of the Orland Project, and through it the proposed Stony Canal. Black Butte Dam will cover and replace the existing Orland Project Southside Diversion Dam. The existing Orland Project Northside Diversion Dam, located South 60° West, 450 feet from North Quarter Corner, Section 1, T. 22 N., R. 4 W., M.D.B.&M. will continue to serve as a point of diversion for the Orland Project.

It is the intent of this application to provide for additional points of rediversion when and where required as the water distribution and use pattern may dictate.

#### PARAGRAPH 6: INTAKE OR HEADWORKS

For the purpose of this application Black Butte Dam is the point of diversion and the headworks. Rediversion from South Main Canal to Stony Canal will be at a point approximately 8,800+ feet downstream of the existing dam. This point of rediversion is S. 80° 30° E., 2,500 feet from NW corner, Section 4, T. 22 N., being within the  $NE_{\frac{1}{4}}$  of  $NE_{\frac{1}{4}}$  of Section 4, T. 22 N., R. 4 W., M.D.B.&M.

#### PARAGRAPH 8: CONDUIT SYSTEM

The existing South Canal of the Orland Project has an initial capacity of 530± c.f.s. for the first 2,300 feet, or to the point where the new canal from the outlet works will join it. The 'Highline Canal' section of the existing South Canal (approximately 6,500 feet) will be enlarged to a capacity of 500 c.f.s., or to the point where Stony Canal will head. Stony Canal will have an initial capacity of 225 c.f.s. for the first 94,800 feet, 68 c.f.s. for the next 5,700 feet, and 50 c.f.s. for the last 13,300 feet. Water depths will vary from 4.25 feet to 1.73 feet; slope will be 0.4 feet per 1,000 feet the first 94,800 feet and 1.5 feet per 1,000 feet the remaining 19,000 feet.

The existing North Canal, which will be served by releases from the outlet works to the channel of Stony Creek and the Northside Diversion Dam, has an initial capacity of 140 c.f.s., a top width of 17 to 9 feet, a water depth of 2.8 to 1.8 feet, a length of 4.4 miles, and a slope of 0.6 to 2.5 feet per 1,000 feet. Construction is earth, with concrete lining.

Additional or alternate conduits will be added as required to convey water to portions of the service area not servable from the above-named facilities.

#### PARAGRAPH 9: ESTIMATED CAPACITY OF THE DIVERSION CONDUIT

Stony	Canal	(proposed)	225	c.f.s.
South	Canal	(existing)	5 <b>3</b> 0	c.f.s.
North	Canal	(existing)	140	c.f.s.

The capacity of the outlet works is 22,000 c.f.s.

#### PARAGRAPH 11: PLACE OF USE

The water will be used within the service areas of the districts, municipalities, water companies, corporations, and other legal entities

within the gross place of potential use delineated on Maps 214-208-3353, 214-208-3354, 214-208-3355, and 214-208-3356, provided that the delivery of water is conditioned upon execution of valid contracts for such deliveries. Water may also be used by the State of California under Contract 14-06-200-8209, a copy of which is filed with the State Water Rights Board concurrently with this application.

#### PARAGRAPH 13: IRRIGATION USE

The water applied for under this application is intended primarily for use either as a full or supplemental irrigation supply for the irrigable acreage within the gross place of use applied for.

Portions of this area, within the described potential place of use will be furnished either a full or supplemental water supply developed from Stony Creek in accord with rights acquired by the United States of America, and under contracts with the United States or other authorizations which may be made or given by authority of and pursuant to law. Other portions of the gross area are presently, or will in the future be served in part or in entirety with water developed under lawful rights acquired and used independently of those of the United States.

It is anticipated that some of the water may be used within the Orland Project as a supplemental supply or on an exchange basis or both.

#### PARAGRAPH 15: MUNICIPAL USE

A portion of the water applied for will be supplied, as required, to cities, towns, and other municipalities presently in existence or as may be developed within the place of use. Some are, or will be, served with water acquired under lawful rights independent of those of the United States. Others are or will be partially so served but do now, or will, require a supplemental supply which will be furnished through rights acquired by the United States.

#### SUPPLEMENT TO APPLICATION NO. 18115

The United States of America, assignee of the abovenumbered application, pursuant to the provisions of the Act of
June 17, 1902 (32 Stat. 388), and acts amendatory or supplementary
thereto, known as the Federal Reclamation laws, and acting for
this purpose by H. P.Dugan, Regional Director, Bureau of Reclamation,
Region 2, P. O. Box 2511, Sacramento 11, County of Sacramento, State
of California, by virtue of delegation of authority from the Secretary
of the Interior through the Commissioner of the Bureau of Reclamation,
pursuant to the Act of Congress of December 19, 1941, c. 595
(55 Stat. 842),

# DO NOT WRITE IN THIS SPACE ATTACH EXTRA SHEETS HERE

15. Municipal Use. This application is made for the purpose of serving	See Supplement  Name city or cities, town or towns. Urban areas only
having a	
The estimated average daily consumption during the month of maximum us	e at the end of each five-year period until the ful
amount applied for is put to beneficial use is as follows:	
16. Mining Use. The name of the mining property to be served is	
and the nature of the mines is	
The method of utilizing the water is	Gold placer, quartz, etc.
It is estimated that the ultimate water requirement for this project will be	
The water will be polluted by chemicals or otherwise	Cubic feet per second, gallons per minute. State basis of estimate
The water will will not be polluted by chemicals or otherwise.  Explain nature of 1	pollution, if any
and it will be returned to	
Sec, T, R, B. &	τ М.
17. Other Uses. The nature of the use proposed is Industrial, f  Industrial, rec and recreation	creational, domestic, stockwatering, fish culture, etc.
State basis of determination of amount needed.  Number of persons, residences, area of do	omestic lawns and gardens, number and kind of stock, type
industrial use, and unit requirements	_
***************************************	
General	
18. Are the maps as required by the Rules and Regulations filed with Ap	oplication? Yes
state specifically the time required for filing same	
19. Does the applicant own the land at the proposed point of diversion?	No
address of owner and state what steps have been taken to secure right of acce	Yes or No
entered into with owners	
20. What is the name of the post office most used by those living near the p	proposed point of diversion?
Orland, California	
21. What are the names and addresses of claimants of water from the	source of supply below the proposed point of
diversion? Glenn-Colusa Irrigation Dist	rict
·	
	EF Sulleva
[SIGNATURE OF APPLICANT]	C) Sullevan

E. F. Sullivan

#### APPLICANT MUST NOT FILL IN BLANKS BELOW

PER	A	TIL	No	
			1 1 V •	_

This is to certify that the application of which the foregoing is a true and correct copy has been considered and approved by the State Water Rights Board SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, and shall not exceed

- 2. The maximum amount herein stated may be reduced in the license if investigation so warrants.
- 3. Actual construction work shall begin on or before and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted this permit may be revoked.
  - 4. Said construction work shall be completed on or before
  - 5. Complete application of the water to the proposed use shall be made on or before
- 6. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Water Rights Board until license is issued.
- 7. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the State Water Rights Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water.

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1391. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Dated:

STATE WATER RIGHTS BOARD